

II. CLAIM AMENDMENTS

1. (Currently Amended) A method for transferring at least one data flow by creating at least one connection between a mobile station and a network on a packet radio service of a telecommunication system, said at least one connection ~~constituting~~ including a temporary block flow on one or more packet data channels each of which being assigned to a different time slot of a downlink TDMA (Time Division Multiple Access) frame, said method comprising:
wherein

assigning at least two simultaneous temporary block flows ~~are assigned~~ for transferring the at least two data flows,
and

transferring uplink control information concerning a temporary block flow ~~is transferred~~ on an associated uplink control channel that is assigned to a time slot of an uplink TDMA frame, ~~characterised in that~~

transferring the at least two associated uplink control channels relating respectively to the at least two simultaneous downlink temporary block flows ~~are transferred~~ on one and same uplink TDMA time slot, and

transferring at least one of said at least two simultaneous downlink temporary block flows ~~is transferred~~ on one or

several downlink TDMA time slot(s), each of which is different from the downlink TDMA time slot that corresponds to the uplink TDMA time slot, which is used for said at least two uplink control channels.

2. (Currently Amended) A method according to claim 1, further comprising assigning ~~characterised in that~~ said uplink control channel ~~is assigned~~ in a downlink message, and said message includes information on said uplink control channel.

3. (Currently Amended) A method according to claim 2, wherein ~~characterised in that~~ the said message is a Packet Downlink Assignment.

4. (Currently Amended) A method according to claim 2, wherein ~~characterised in that~~ said information on said uplink control channel comprises the number of the time slot for said control channel.

5. (Currently Amended) A method according to claim 1, wherein ~~characterised in that~~ said packet radio service is the general packet radio service (GPRS).

6. (Currently Amended) A method according to claim 3, wherein ~~characterised in that~~ the uplink control channel comprises the packet associated control channel (PACCH) associated to said downlink temporary block flow.

7. (Currently Amended) A method according to claim 6, further comprising reserving ~~characterised in that~~ a single uplink block of said packet associated control channel (PACCH) ~~is reserved~~ with a relative reserved block period field (RRBP) sent on said downlink temporary block flow.

8. (Currently Amended) A method according to claim 6, wherein ~~characterised in that~~ said packet associated control channel (PACCH) contains uplink control information including the temporary flow identifier (TFI) and timeslot number of said temporary block flow.

9. (Currently Amended) A method according to claim 1, further comprising transferring ~~characterised in that~~ the at least two downlink temporary block flows ~~are transferred~~ on at least two downlink packet data channels, and transferring uplink data ~~is transferred~~ on at least one packet data channel, wherein the number of said downlink packet data channels is greater than the number of the uplink packet data channels.

10. (Currently Amended) A method according to claim 7, further comprising transferring ~~characterised in that~~ said uplink control information ~~is transferred~~ on the same time slot which is used by one of said at least one uplink packet data channels.

11. (Currently Amended) A method according to claim 1, further comprising transferring ~~characterised in that~~ the said uplink control information ~~is transferred~~ on an uplink time slot, the number of which corresponds to the number of a downlink time slot on which one of said packet data channels transferring one of said at least two temporary block flows is allocated.

12. (Currently Amended) A telecommunications system for transferring at least one data flow by creating at least one connection between a mobile station and a network on a packet radio service of a telecommunication system, said at least one connection including ~~constituting~~ a temporary block flow on one or more packet data channels each of which being assigned to a different time slot of a downlink TDMA (Time Division Multiple Access) frame, said system comprising:

means for assigning ~~wherein~~ at least two simultaneous temporary block flows ~~are assigned~~ for transferring the at least two data flows, ~~and~~

means for transferring uplink control information concerning a temporary block flow ~~is transferred~~ on an associated uplink control channel that is assigned to a time slot of an uplink TDMA frame, ~~characterised in that it comprises~~

means for transferring uplink control information relating to the at least two simultaneous temporary block flows on the at least two associated uplink control channels respectively, ~~and~~

means for transferring said at least two associated uplink control channels ~~are transferred~~ on one and same uplink TDMA time slot, ~~and~~

means for transferring at least one of said at least two simultaneous downlink temporary block flows ~~is transferred~~ on one or several downlink TDMA time slot(s), each of which is different from the downlink TDMA time slot that corresponds to the uplink TDMA time slot, which is used for said at least two uplink control channels.

13. (Currently Amended) A telecommunications system according to claim 12, wherein ~~characterised in that~~ said uplink control information is transferred on an uplink time slot, the number of which corresponds to the number of a downlink time slot on which one of said packet data channels transferring one of said at least two temporary block flows is allocated.

14. (Currently Amended) A telecommunications system according to claim 12, wherein ~~characterised in that~~ said packet radio service is the general packet radio service (GPRS).

15. (Currently Amended) A mobile station comprising:

means for transmitting/receiving at least one data flow on at least one connection between the mobile station and network on a packet radio service of a telecommunication system, said at least one connection including ~~constituting~~ a temporary block flow on one or more packet data channels each of which being assigned to a different time slot of a downlink TDMA (Time Division Multiple Access) frame,

means for assigning ~~wherein~~ at least two simultaneous temporary block flows ~~are assigned~~ for transferring the at least two data flows, ~~and~~

means for transferring uplink control information concerning a temporary block flow ~~is transferred~~ on an associated uplink control channel that is assigned to a time slot of an uplink TDMA frame, ~~characterised in that it comprises~~

means for transmitting uplink control information relating to the at least two simultaneous temporary block flows on the at least two associated uplink control channels respectively, ~~and~~

means for transferring the at least two associated uplink control channels ~~are transferred~~ on one and same uplink TDMA time slot, ~~and~~

means for transferring at least one of said at least two simultaneous downlink temporary block flows ~~is transferred~~

on one or several downlink TDMA time slot(s), each of which are different from the downlink TDMA time slot that corresponds to the uplink TDMA time slot, which is used for said at least two uplink control channels.

16. (Currently Amended) A mobile station according to claim 15, further comprising ~~characterised in that it comprises~~ means for receiving a downlink message field, and means for reading from said message information on said uplink control channel to be used related to a determined downlink temporary block flow.

17. (Currently Amended) A mobile station according to claim 16, wherein ~~characterised in that~~ said information on said uplink control channel comprises the number of the time slot for said control channel.

18. (Currently Amended) A mobile station according to claim 15, further comprising ~~characterised in that it comprises~~ means for receiving the at least two simultaneous downlink temporary block flows on at least two downlink packet data channels, and means for transmitting uplink data on at least one packet data channel,

wherein the number of said downlink packet data channels is greater than the number of the uplink packet data channels.

19. (Currently Amended) A mobile station according to claim 18, ~~wherein characterised in that~~ said uplink control information is transferred on the same time slot which is used by one of said at least one uplink packet data channels.

20. (Currently Amended) A mobile station according to claim 15, ~~wherein characterised in that~~ said uplink control information is transferred on an uplink time slot, the number of which corresponds to the number of a downlink time slot on which one of said packet data channels transferring one of said at least two temporary block flows is allocated.

21. (Currently Amended) A mobile station according to claim 15, ~~wherein characterised in that~~ said packet radio service is the general packet radio service (GPRS).